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Docket No.: CDJ-166RCE  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Yashwant M. Deo *et al.*

Application No.: 09/851614

Confirmation No.: 4957

Filed: May 8, 2001

Art Unit: 1644

For: HUMAN MONOCLONAL ANTIBODIES TO  
DENDRITIC CELLS

Examiner: G. R. Ewoldt

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (SIDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR 1.97, Applicant(s) hereby make of record the following additional document. A PTO Form SB/08 required under 37 CFR 1.98(a)(2) accompanies this statement.

Applicant has not submitted a copy of the cited U.S. patent application in accordance with 37 CFR 1.98(a)(2)(ii).

This statement is not to be interpreted as a representation that the cited documents are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any document herein be construed *per se* as a representation that such document is prior art. Moreover, Applicant(s) understand(s) the Examiner will make an independent evaluation of the cited documents.

Application No.: 09/851614

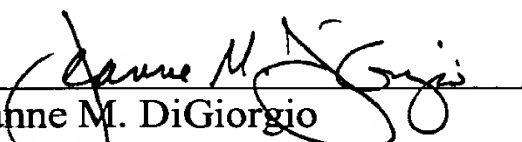
Docket No.: CDJ-166RCE

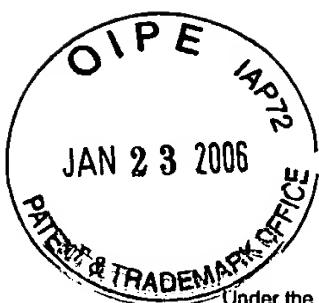
In accordance with 37 CFR §1.97(b)(4), no additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080, under Order No. CDJ-166RCE.

Dated: January 23, 2006

JMG/JER/mch

Respectfully submitted,

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PTO/SB/08a/b (07-05)  
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Substitute for form 1449A/B/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	09/851614-Conf. #4957
				Filing Date	May 8, 2001
				First Named Inventor	Yashwant M. DEO
				Art Unit	1644
				Examiner Name	G. R. Ewoldt
				Attorney Docket Number	CDJ-166RCE
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1*	US-20020187131-A1	12-12-2002	Hawiger et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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APPLICANT'S ASSIMILE OF FORM PTO 1449 REV 7-80		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO <b>MXI-166</b>	SERIAL NO. <b>09/851,614</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT <b>Yashwant M. Deo et al.</b>	
				FILING DATE <b>May 8, 2001</b>	GROUP <b>1638</b>

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	4,474,893	10/84	Reading	436	547	
	A2	4,946,778	08/90	Ladner et al.	435	69.6	
	A3	4,954,617	09/90	Fanger et al.	530	387	
	A4	5,455,030	10/95	Ladner et al.	424	435.1	
	A5	5,476,786	12/95	Huston	435	252.33	
	A6	5,545,807	08/96	Surani et al.	800	2	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	A7	WO 86/01533 A1	03/86	PCT				
	A8	WO 88/00052 A1	01/88	PCT				
	A9	WO 92/03918 A1	03/92	PCT				
	A10	WO 94/10332 A1	05/94	PCT				
	A11	WO 98/24884 A1	06/98	PCT				

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	A12	Bird et al. (1988) Single-chain antigen-binding proteins <i>Science</i> 242:423-426
	A13	Brennan et al. (1985) Preparation of bispecific antibodies by chemical recombination of monoclonal immunoglobulin G1 fragments <i>Science</i> 229:81-83
	A14	Galfre et al. (1997) Antibodies to major histocompatibility antigens produced by hybrid cell lines. <i>Nature</i> 266:550-552
	A15	Glennie et al. (1987) Preparation and performance of bispecific F(ab' gamma)2 antibody containing thioether-linked Fab' gamma fragments <i>J. Immunol.</i> 139: 2367-2375
	A16	Karpovsky et al. (1984) Production of target-specific effector cells using hetero-cross-linked aggregates containing anti-target cell and anti-Fc gamma receptor antibodies <i>J. Exp. Med.</i> 160:1686-01
	A17	Liu et al. (1985) Heteroantibody duplexes target cells for lysis by cytotoxic T lymphocytes <i>Proc. Natl. Acad. Sci. USA</i> 82:8648
	A18	Lonberg et al. 1994. Antigen-specific human antibodies from mice comprising four distinct genetic modifications <i>Nature</i> 368(6474): 856-859
	A19	Monteiro et al., (1992) Molecular heterogeneity of Fc alpha receptors detected by receptor-specific monoclonal antibodies <i>J. Immunol.</i> 148:1764-70
	A20	Paulus (1985) Preparation and biomedical applications of bispecific antibodies <i>Behring Ins. Mitt.</i> No. 78, 118-132
	A21	Ward et al. (1989) Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> <i>Nature</i> 341:544-6

Examiner

Date Considered

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				Art Unit	1644
				Examiner Name	Ewoldt, Gerald R.
Sheet	1	of	1	Attorney Docket Number	MXI-166

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	D1	Apostolopoulos, V. <i>et al.</i> "Ex vivo targeting of the macrophage mannose receptor generates anti-tumor CTL responses." <i>Vaccine</i> 18(27):3174-184 (2000).	
	D2	Wallace, P.K. <i>et al.</i> "Exogenous antigen targeted to FcγRI on myeloid cells is presented in association with MHC class I." <i>J. Immunol. Methods</i> 248 (1-2):183-94 (2001).	
	D3	Nouri-Shirazi, M. <i>et al.</i> "Dendritic cells capture killed tumor cells and present their antigens to elicit tumor-specific immune responses." <i>J. Immunol.</i> 165:3797-3803 (2000).	
	D4	You, Z. <i>et al.</i> "Targeting dendritic cells to enhance DNA vaccine potency." <i>Cancer Res.</i> 61:3704-3711 (2001).	
	D5	Berard, F. <i>et al.</i> "Cross-priming of naïve CD8 T cells against melanoma antigens using dendritic cells loaded with killed allogeneic melanoma cells." <i>J. Exp. Med.</i> 192(11):1535-43 (2000).	

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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80 COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. <b>MXI-166</b> <b>09/851614</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT <b>Deo, Yashwant M. et al.</b>
	FILING DATE <b>May 8, 2001</b>
	GROUP <b>1638</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	C1	5,876,917	03/99	Hart	435	2	
	C2	5,922,845	07/99	Deo et al.	530	387.3	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	C3	WO 95/15340 A1	06/95	PCT				
	C4	WO 98/15579 A1	04/98	PCT				
	C5	WO 99/55369 A1	11/99	PCT				
	C6	WO 00/63251 A1	10/00	PCT				

**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

	C7		Noorman, F. et al. "Monoclonal antibodies against the human mannose receptor as a specific marker in flow cytometry and immunohistochemistry for macrophages" <i>Journal of Leukocyte Biology</i> 61:63-72 (1997)
Examiner			Date Considered
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			